

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY
HARVARD MEDICAL SCHOOL
25 SHATTUCK STREET
BOSTON 15, MASSACHUSETTS

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November 19, 1954

Dr. Joshua Lederberg
Department of Genetics
School of Agriculture
University of Wisconsin
Madison, Wisconsin

Dear Dr. Lederberg:

In our medical bacteriology course this year we plan to give the students a choice between practical diagnostic work with hospital materials and special experiments. These special experiments will be performed by groups of two to six students during the last two weeks of the course. We are trying to provide simple experiments which will be of a semi-research nature in that manipulations used in present day problems will be introduced.

Because of the emphasis placed on bacterial genetics throughout the course, we thought it would be appropriate to offer one group an opportunity to perform experiments in recombination in E. coli. Would you be so kind as to send us a pair of F^+ multiply-marked mutants and, if available, one F^- stock carrying the same markers as one of the F^+ strain? If the pair you might choose carry any markers which could be used as unselected markers they would be even more valuable. We would appreciate knowing what kind of medium you employ for maintaining your stock cultures.

If you do find it possible to supply such stocks, I will certainly appreciate very much the inconvenience my request will have caused.

Sincerely yours,



H. Edwin Umbarger